

WHAT IS CLAIMED AS NEW AND DESIRED TO BE SECURED BY LETTERS
PATENT OF THE UNITED STATES IS:

1. A device comprising:
a first sheet and a second sheet, the first sheet being connected to the second sheet in a connecting region;
a cavity formed between the two sheets on one side of the said connecting region, wherein the cavity is accessible from an exterior of said device through at least one opening;
at least one flexible strip, formed by at least one of the first and second sheets, on another side of the connecting region opposite to the one side on which the cavity is formed;
wherein the two sheets respectively have a polygonal shape, and said cavity is oriented obliquely relative to said sheets.
2. A device according to claim 1, wherein the at least one flexible strip is formed by both of the first and second sheets.
3. A device according to claim 1, wherein a plurality of flexible strips are formed from at least one of said first and second sheets.
4. A device according to claim 3, wherein said plurality of flexible strips include flexible strips formed by said first sheet and flexible strips formed by said second sheet.
5. A device according to claim 4, wherein said plurality of flexible strips each include a first end coupled to said connecting region and a second free end.
6. A device according to claim 3, wherein said plurality of flexible strips each include a first end coupled to said connecting region and a second free end.
7. A device according to claim 1, wherein said at least one flexible strip includes one end which is coupled to said connecting region and a second free end.
8. A device according to claim 1, wherein the flexible strip forms at least one fringe.
9. A device according to claim 8, wherein the at least one fringe comprises at least two flaps cut along an intermediate axis secant to a longitudinal axis of the fringe.
10. A device according to claim 1, wherein the connecting region forms at least one curve such that the cavity has at least one projection for accommodating at least one finger.
11. A device according to claim 10, wherein the connecting region delimits a plurality of projections, each for respectively accommodating one finger of a hand, and wherein at least one fringe extends from at least one of said projections.
12. A device according to claim 1, wherein the first and second sheets are superimposed.

13. A device according to claim 1, wherein at least one of the first and second sheets includes a nonwoven material.

14. A device according to claim 1, wherein at least a portion of at least one of said first and second sheets is impregnated with a cosmetic product.

15. A device according to claim 14, wherein said cosmetic product is a hair treatment product.

16. A device according to claim 1, wherein the connecting region is discontinuous.

17. A device according to claim 1, wherein said first and second sheets have a rectangular shape.

18. A device according to claim 1, wherein the at least one opening is positioned at a corner of adjacent sides of each of said first and second sheets, such that a portion of said at least one opening is defined between one side of said first sheet and one side of said second sheet, and such that a portion of said at least one opening is defined between a second side of said first sheet and a second side of said second sheet.

19. A method for manufacturing a device comprising:

fixing a first polygonal sheet to a second polygonal sheet in a connecting region so as to form a cavity between the two sheets which is accessible via at least one opening, with said cavity being formed on one side of the said connecting region;

forming at least one flexible strip by at least one of the first polygonal sheet and the second polygonal sheet on another side of the connecting region opposite to the one side on which the cavity is formed; and

wherein said cavity is formed such that it is oriented obliquely relative to the said first and second polygonal sheets and such that the at least one opening is positioned at a corner of adjacent sides of said first and second polygonal sheets.

20. A method according to claim 19, comprising the following steps:

a) arranging the first polygonal sheet and the second polygonal sheet to face one another;

b) connecting the first and second polygonal sheets in said connecting region; and

c) cutting to form said at least one flexible strip and further wherein a plurality of fringes are cut from said at least one flexible strip during said cutting.

21. A method according to claim 20, wherein the first and second polygonal sheets are formed from at least one web of a continuous strip material, the said method further including a separating stage comprising:

d) separating the device from the at least one web of strip material.

22. A method according to claim 19, wherein the connecting region is formed by adhesive bonding.

23. A method according to claim 19, wherein the connecting region is produced by welding.

24. A method according to claim 23, wherein said welding includes at least one of thermal welding and ultrasonic welding.

25. A method according to claim 20, wherein the fringes are cut using a punch.

26. A method according to claim 19, further comprising a step of impregnating at least part of the device with a cosmetic product.

27. A method according to claim 26, wherein said cosmetic product is a hair treatment product.

28. A method according to claim 26, further comprising a step of drying the at least part of the device after the step of impregnating.

29. A method according to claim 21, wherein the separating stage is performed by cutting with a roll.

30. A method according to claim 19, wherein the first and second polygonal sheets are formed from two continuous strips arranged on rolls, which are unrolled simultaneously.

31. A method according to claim 19, wherein the first and second polygonal sheets are formed from a strip folded on itself about a longitudinal axis.

32. A method as recited in claim 19, wherein said first and second polygonal sheets are rectangular.

33. A device comprising:

first and second polygonal sheets connected to each other in a connecting region;

a cavity formed between said first and second polygonal sheets and on one side of said connecting region, and wherein said cavity is accessible through an opening such that a hand can be inserted into said cavity through said opening;

at least one flexible extension extending on another side of said connecting region opposite to the one side on which the cavity is formed and wherein said at least one flexible extension is formed of one of said first and second polygonal sheets; and

wherein said opening is positioned at a corner of adjacent sides of said polygonal sheets such that a portion of said opening is defined between one side of said first polygonal sheet and one side of said second polygonal sheet and such that a portion of said opening is defined between a second side of said first polygonal sheet and a second side of said second polygonal sheet.

34. A device according to claim 33, wherein said first and second sheets are rectangular.

35. A device according to claim 34, wherein a plurality of flexible extensions are formed from at least one of said first and second polygonal sheets, and wherein at least some of said plurality of flexible extensions include a first end coupled to said connecting region and a second free end at a perimeter of said at least one of said first and second polygonal sheets, and wherein said at least some of said flexible extensions are separated from each other at least at their respective second free ends.

36. A device according to claim 35, wherein a plurality of flexible extensions are formed from each of said first and second polygonal sheets.

37. A device according to claim 33, wherein a plurality of flexible extensions are formed from at least one of said first and second polygonal sheets, and wherein at least some of said plurality of flexible extensions include a first end coupled to said connecting region and a second free end at a perimeter of said at least one of said first and second polygonal sheets, and wherein said at least some of said flexible extensions are separated from each other at least at their respective second free ends.

38. A device according to claim 37, wherein a plurality of flexible extensions are formed from each of said first and second polygonal sheets.

39. A device according to claim 37, wherein said cavity has a plurality of cavity extensions with each for receiving at least one finger.

40. A device according to claim 39, wherein at least one extension of said plurality of flexible extensions is provided between adjacent ones of said plurality of cavity extensions.

41. A device according to claim 33, wherein said cavity includes five finger cavity extensions each for receiving a finger of a hand, and wherein a plurality of said flexible extensions are provided, each of said plurality of extensions having a first end coupled to said connecting region and a second free end.

42. A device according to claim 41, wherein said plurality of extensions include at least:

a first group of extensions in which each second free end is disposed at a perimeter border of said one of said first and second polygonal sheets; and

a second group of extensions in which each second free end spaced from said perimeter boarder and is disposed adjacent to another second free end of said second group when said device is laid flat.

43. A device according to claim 42, wherein said second group of extensions extends between adjacent finger cavity extensions.

44. A device according to claim 33, wherein said at least one flexible extension includes a plurality of flexible extensions, said plurality of flexible extensions including:

a first group of extensions in which each second free end is disposed at a perimeter border of said one of said first and second polygonal sheets; and

a second group of extensions in which each second free end spaced from said perimeter boarder and is disposed adjacent to another second free end of said second group when said device is laid flat.

45. A device according to claim 33, wherein at least part of one of said first and second polygonal sheets is impregnated with a hair care product.

46. A device comprising:

a first sheet and a second sheet, each of said first and second sheets having a perimeter;

a connecting region connecting said first sheet and said second sheet to define a cavity on one side of said connecting region and between said first sheet and said second sheet, and wherein at least part of said connecting region is spaced from the perimeter of at least one of said first and second sheets;

a plurality of flexible extensions formed by said at least one of said first and second sheets on another side of said connecting region opposite to the one side on which said cavity is defined, said plurality of extensions including at least:

a first group of flexible extensions having a first end coupled to said connecting region and a second end at the perimeter of one of said first and second sheets; and

a second group of flexible extensions each having a first end coupled to said connecting region and a second end spaced from said perimeter of one of said first and second sheets, and wherein the second end of each flexible extension of said second group of flexible extensions is adjacent to and facing a second end of another flexible extension of said second group of flexible extensions when said device is laid flat.

47. A device according to claim 46, wherein the perimeter of each of said first and second sheets is rectangular.

48. A device according to claim 47, wherein said cavity includes a plurality of cavity extensions with each cavity extension for receiving at least one finger, and wherein said

second group of flexible extensions extends between adjacent ones of said plurality of cavity extensions when the device is laid flat.

49. A device according to claim 46, wherein said cavity includes a plurality of cavity extensions, with each cavity extension for receiving at least one finger, and wherein said second group of flexible extensions extend between adjacent ones of said plurality of cavity extensions when the device is laid flat.

50. A device according to claim 46, wherein at least part of one of said first and second sheets is impregnated with a hair care product.

51. A device comprising:

a first sheet having a rectangular perimeter;

a second sheet at least partially juxtaposed with said first sheet;

a connecting region connecting said first sheet to said second sheet such that a cavity is defined on one side of said connecting region and between said first sheet and said second sheet, wherein at least part of said connecting region is spaced from the rectangular perimeter of said first sheet; and

a flexible extension formed by said first sheet, said flexible extension including a first end coupled to said connecting region and a second free end at said rectangular perimeter.

52. A device according to claim 51, wherein said cavity is accessible by way of an opening between said first sheet and said second sheet such that a hand can be inserted into said cavity, and wherein said opening is disposed at a corner of said rectangular perimeter of said first sheet such that a first part of said opening is defined on a first side of said rectangular perimeter and a second part of said opening is defined on a second side of said rectangular perimeter.